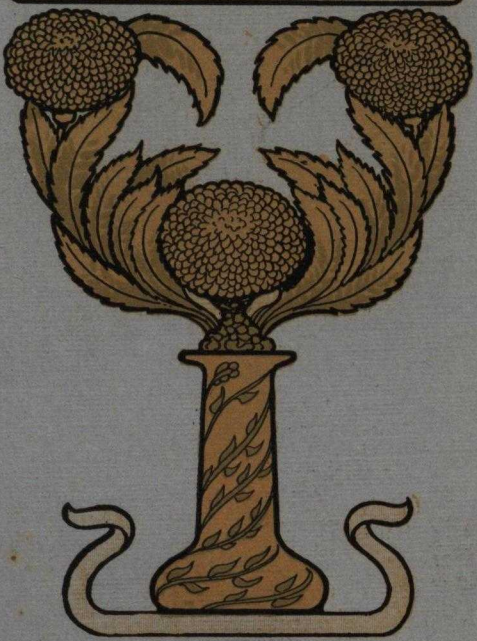
BELDING-HALL MANUFACTURING CO.



REFRIGERATORS

Norvell-Shapleigh Hardware Co.

ST. LOUIS, MO.

TD CAT 1900 Belding-Hall . . .

ATHENAEUM OF PHILADELPHIA

p. Mass 10/91 jli 9/91 25- 19458

ILLUSTRATED CATALOGUE

The "EDSON"

PORCELAIN LINED

REFRIGERATORS

MADE OF QUARTER-SAWED WHITE OAK, HEAVY BEVELED PANELS, WITH NICKEL LEVER LOCKS AND HINGES

BELDING-HALL MFG. CO.

BELDING, MICH., U. S. A.

Offices:

196-198 Monroe St., Chicago. 213 Canal St., New York.
249 S. Second St., Philadelphia. 112 Canal St., Boston.

We take pleasure in handing you our illustrated catalogue of

The "EDSON"

Porcelain Lined Refrigerators

THESE REFRIGERATORS are made of quarter sawed white oak, with heavy beveled panels, and trimmed with nickel lever locks and hinges. The ice chamber is lined with nickel; the ice racks are made of heavy galvanized iron, supported by heavy steel bands, riveted to the corrugated surface. The provision chamber is lined with heavy porcelain lining. We have had numerous inquiries from our trade for a genuine high grade porcelain lined refrigerator, and have spared no expense to produce an article that will be superior to any other on the market. If you are interested in a high grade refrigerator we believe it will be to your interest to order a sample at once with a view to securing the agency. There is no doubt that these refrigerators will supersede the tile-lined refrigerators, as with the porcelain there is no sweating, no tile to crack, no crevices to absorb impurities and odors. The porcelain lining being in one piece presents a smooth, even surface, easy to clean, no annoyance from breakage, and absolutely pure and healthful. Soliciting correspondence as to terms and prices, we remain,

Yours truly,

BELDING-HALL MANUFACTURING COMPANY

#24498145 Td Cat
10-4-91 1900

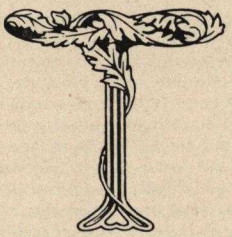
jh 8/91

Special Notice

Our Refrigerators are manufactured under Letters Patent of the United States, and we shall promptly prosecute all persons manufacturing or selling infringements upon the same.

Respectfully,

BELDING-HALL MFG. CO.



All Former Lists are Hereby Cancelled.

Goods Delivered Free on Board Cars at Belding, Michigan.

CASH DISCOUNT—Two per cent discount will be allowed on bills paid within ten days from date of invoice.

Cash Discounts in all cases to be figured on the **net amount of invoice, after deducting all trade discounts or freight allowance, if any.**

Where sales are based on full or part freight allowance, the agreed freight allowance will be made only on **receipt of paid freight bill. We do not prepay freight.**

All unsettled accounts at maturity are subject to sight draft.

All remittances must be in Chicago or New York Exchange or Post Office Money Orders.

RECLAMATIONS—All claims for goods imperfect or short must be reported immediately upon receipt of same, and will be promptly adjusted. But in no case can we consent to have the payment of our bills, *when due*, withheld on account of any error not so reported. *We hold ourselves responsible for all mistakes on our part*, and will cheerfully rectify promptly.

RESPONSIBILITY—Our responsibility as shippers ceases on delivery of goods in good order to carriers, and mailing receipt therefor to consignee; and the *carrier alone is responsible to the consignee* for all damages sustained by breakage, shortage or delay in transportation. Every assistance in our power will be cheerfully rendered to trace and recover lost goods, and to collect damages; but in *no instance* will the settlement of accounts be subject to the arrival or non-arrival of goods at their place of destination.

Interest Charged on Past Due Accounts.

In Ordering by Mail please order by Number as per list in this Catalogue.

In Ordering by Telegraph please use the Code.

No goods can be returned to our factory unless they are *not* as ordered, and then not without the written consent of the Company.

What is Porcelain Steel?

IT may be appropriate to give a brief description of Porcelain Steel in order that our customers may not confuse this lining with the ordinary enameled or painted material used by many.

In making this material we use No. 18 gauge sheet steel and treat it the same as a porcelain bath tub. Our lining is what is known as "five coat porcelain" and is the highest grade obtainable. In making this it is given five distinct coats of porcelain, each coat being placed in a furnace and fired separately. In this way we procure an indestructible finish and one which will not crack or peel.

We are the only refrigerator manufacturers who use a strictly five-coat porcelain and only by using such can an article be produced which will stand the usage to which a refrigerator is subjected through the carelessness of servants and icemen.

In recommending this lining to you, we know from long experience that we have something which will wear for years and still retain its lustre and brightness, at the same time giving you a perfectly sanitary refrigerator in every respect.

We invite your inspection.

INSULATION

A GREAT many different ideas exist as to what constitutes the best insulation for refrigerators. We have given the matter a very thorough study, and after many investigations and experiments with fillings, have found nothing so reliable and satisfactory as mineral felt, glued on each side of a dead air space.

Mineral felt is a combination of mineral wool, asbestos and hair felt. By using this we are enabled not only to insulate the walls of the refrigerator, but the door and lid as well, which cannot be said of fillings in the lump or powdered form. This is a very important feature, as a door or front of a refrigerator, being always exposed, requires equal, if not better insulation than the walls.

This filling possesses great advantages over other fillings, from the fact that it cannot settle in the walls, leaving the ice chamber unprotected, nor can it sift through the joints, soiling the refrigerator, as in the case of powdered charcoal.

Dead air is absolutely the best insulation that can be used in refrigerators as is clearly shown from the following list of tests, made of non-conductors of heat for insulation. The figures below show the number of heat units transmitted per square foot per hour through same thickness of material, one inch being the basis used, and are taken from a list of tests made by John M. Ordway, Professor of Chemistry in Tulane University of Louisiana:

Dead air.....43	Hair felt.....56
Ground cork.....45	Asbestos.....56
Solid cork.....49	Charcoal.....58
Mineral wool....50	

As we use mineral wool felt on each side of an air space we obtain an absolutely *dead air space.*

These practical and essential points, taken together with the fact that in a test made with our leading competitors we produced a lower temperature with an equal amount of ice, proves conclusively that we have the best insulation of any refrigerator on the market. We make no exceptions.

Metal Ice Rack

The above cut shows our New Solid Metal Ice Rack.

Patented December 24, 1889.

NE of the greatest improvements is our Solid Metal Ice Rack, for which we claim, and the trade concedes, the following points of excellence:

1st. Its construction is such as to admit of an unobstructed circulation of *pure, dry cold air.*

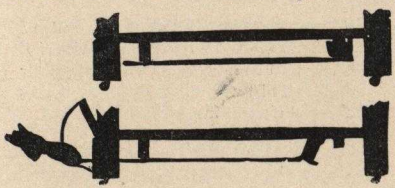
2d. The objection often raised to the old wooden rack and its tendency to form a partial obstruction to the free flow of water to the waste pipe, allowing quite a quantity to remain in the ice chamber and become impregnated with odors, is overcome.

3d. It being a fact that *water-soaked wood* will absorb the odors from the provision chamber, a solid metal rack is much superior in every respect.

4th. The rack is supported by bands of galvanized iron, riveted to the corrugated surface, which, for *strength and durability* cannot be equaled.

5th. It being made wholly of metal, gives a larger condensing surface than any other rack made.

Our New Drip Cup



UR New Drip Cup Attachment, that will be put upon all the Edson Refrigerators, is the best of its kind; simple, easy to operate and cannot get out of order. To empty the cup you merely raise the front base board, pull the rod attached to the cup; this inverts the cup and discharges the waste; let go of rod and cup returns to proper position.

All refrigerator manufacturers give extreme outside measurements, including castors. The ice capacity is obtained from the number of cubic inches in ice chamber.

THE "EDSON"

Porcelain Lined Refrigerators

POINTS OF EXCELLENCE

1 **Made of Quarter-Sawed White Oak**—Thoroughly seasoned.

2 **Highest Grade Finish**—Varnished with best quality of coach varnish, three coats being used.

3 **Inside Construction**—Made of tongued and grooved seasoned ash. The inside case is fastened to the body of refrigerator by hardwood cleats which give extra strength.

4 **Construction of Walls**—Outside case is made of quarter-sawed white oak. 2nd: Mineral felt. 3rd: Dead-air space. 4th: Mineral felt. 5th: Inner casing. 6th: Air space. 7th: Porcelain lining.

5 **Extra Heavy Doors**—Insulated same as walls of refrigerator with felt strips on casing so as to render them air tight. This, with the lever locks, makes them perfect fitting doors.

6 **Insulation**—The non-conducting sheathing, mineral felt, is nailed under the posts, which holds it firmly in place, and makes an absolute dead-air space. From past experience we have proved this to be the best insulation for refrigerators.

7 **The Outside Case**—Is made durable and strong and has no mitre joints to come apart.

THE "EDSON"

Porcelain Lined Refrigerators

POINTS OF EXCELLENCE

8 **Trimmings**—Are all of solid brass, heavily nickel-plated, and are strong and handsome. We use a nickel lever lock which clamps the doors absolutely air tight.

9 **The Ice Chamber**—Is lined with nickel and will not corrode. The ice rack is of heavy galvanized iron, braced with heavy steel bands and will not break down.

10. **Our Drain Pipe**—Is removable, made of nickel, neatly turned and easily cleaned.

11. **The Shelves**—Are of heavy metal covered with porcelain.

12. **The Drip Cup**—Is self-closing, is operated from the front, and by pulling the rod, will empty the cup and prevent dripping while pan is removed.

13 **Swinging Baseboard**—Allows using a large drip pan.

14 **The Panels**—Are heavily beveled, preventing swelling, and gives a rich appearance to the refrigerator.

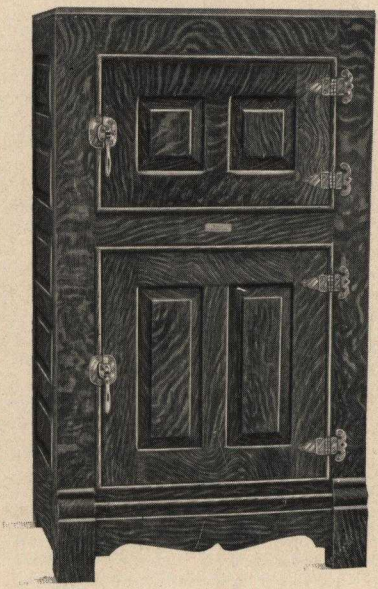
15 **Cleanliness**—The porcelain lining gives an absolutely smooth surface and is easily cleaned. Housekeepers have had to put up with tile, with its frequent cracking, the crevices holding grease and impurities, but now can have a perfectly clean and healthful refrigerator.

16 **In Purchasing an Edson Refrigerator**–As above stated, you will have a handsome, durable, clean and healthful refrigerator; but above all we wish to lay special emphasis on its economy *of ice and food-preserving qualities.*

THE "EDSON"

Porcelain-lined Refrigerators

Made of Quarter-Sawed White Oak



No. 723

	Length in.	Depth in.	Height in.	Ice lbs.	Shipping Wt., lbs.
Outside.....	26½	19½	53⅛	80	225
Ice Chamber	17	14	12		
Provision Chamber	20	14	18½		

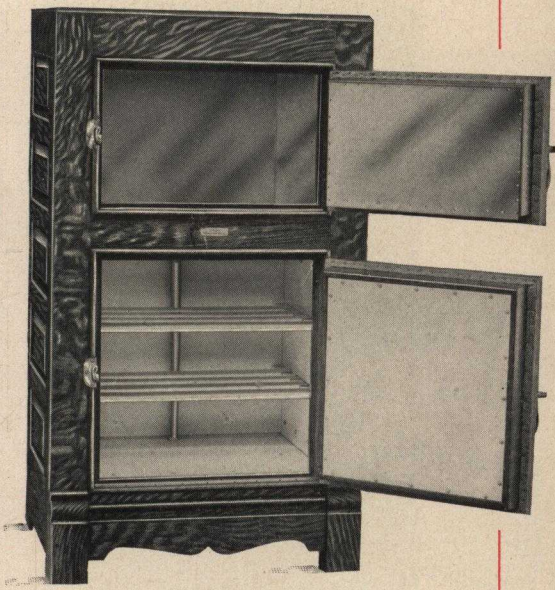
No. 725

	Length in.	Depth in.	Height in.	Ice lbs.	Shipping Wt., lbs.
Outside.....	30	21½	55½	125	300
Ice Chamber	20	16½	12		
Provision Chamber	20	16½	20½		

THE "EDSON"

Porcelain-lined Refrigerators

Made of Quarter-Sawed White Oak



No. 723 and 725

Showing Interior.

Ice chamber lined with nickel.

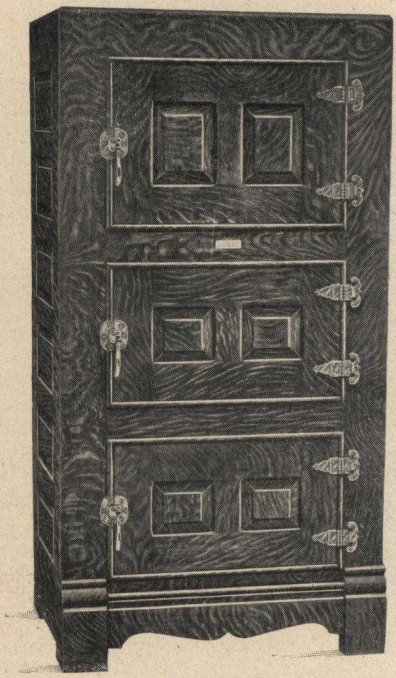
The provision chamber and shelves are lined with porcelain steel.

Five coats of porcelain burnt on separately in a furnace.

THE "EDSON"

Porcelain-lined Refrigerators

Made of Quarter-Sawed White Oak



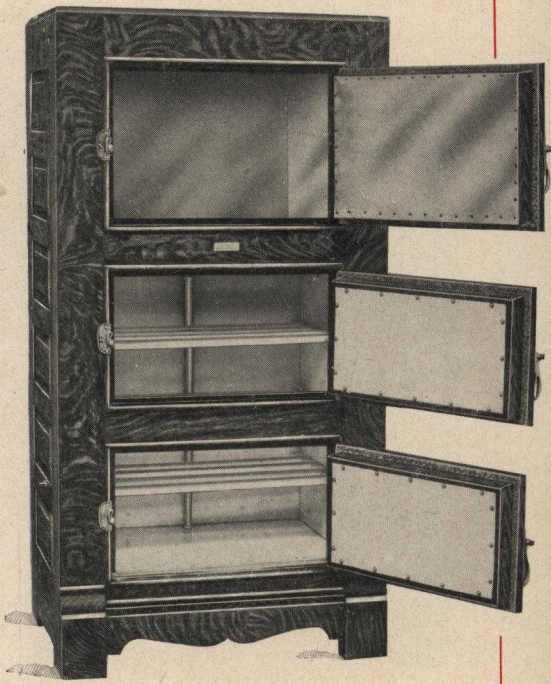
No. 727

	Length in.	Depth in.	Height in.	Ice lbs.	Shipping Wt.. lbs.
Outside	34	22½	65½	150	400
Ice Chamber	21	17	13¾		
Provision Chamber	26	17	27½		

THE "EDSON"

Porcelain-lined Refrigerators

Made of Quarter-Sawed White Oak



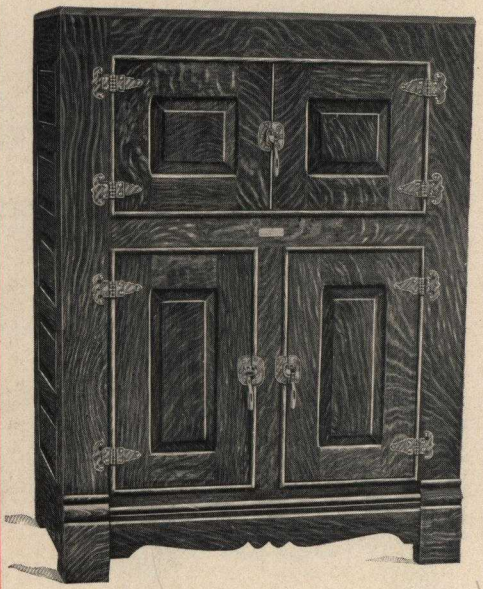
No. 727
Showing Interior.

Ice chamber lined with nickel.
Provision chamber lined with porcelain steel, similar to a bathtub.

THE "EDSON"

Porcelain-lined Refrigerators

Made of Quarter-Sawed White Oak



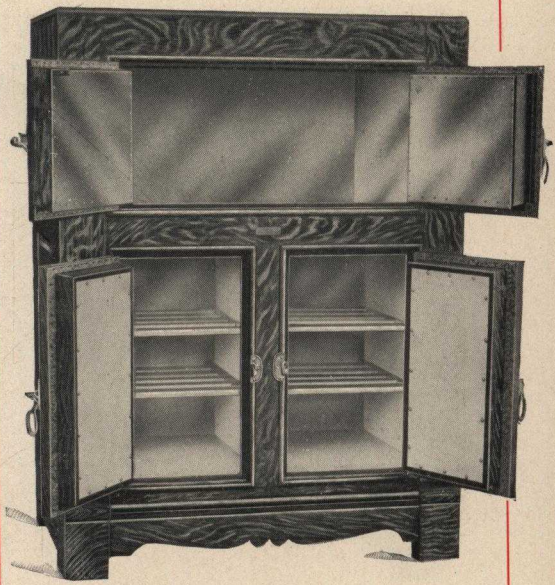
No. 729

	Length in.	Depth in.	Height in.	Ice lbs.	Shipping Wt., lbs.
Outside	41½	25½	58½	225	500
Ice Chamber	29¾	20	12¾		
Provision Chambers	16½	20	23		

THE "EDSON"

Porcelain-lined Refrigerators

Made of Quarter-Sawed White Oak



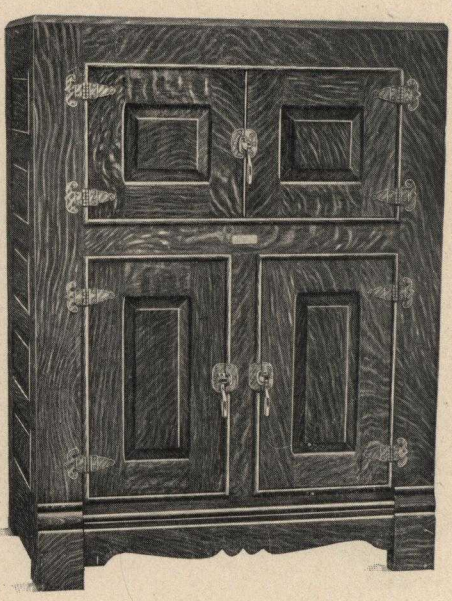
No. 729
Showing Interior.

Provision chamber and shelves are made of heavy porcelain steel.
The ice chamber is lined with nickel.

THE "EDSON"

Porcelain-lined Refrigerators

Made of Quarter-Sawed White Oak



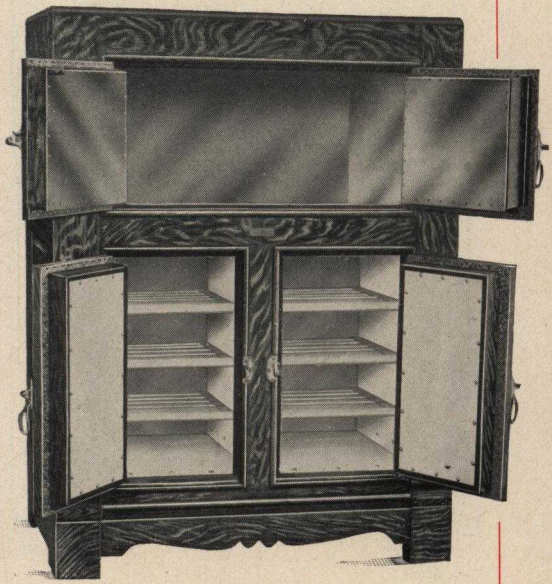
No. 731

	Length in.	Depth in.	Height in.	Ice lbs.	Shipping Wt., lbs.
Outside	46	26¼	65½	300	630
Ice Chamber	34	20¾	13		
Provision Chambers	14½	20¾	28½		

THE "EDSON"

Porcelain-lined Refrigerators

Made of Quarter-Sawed White Oak



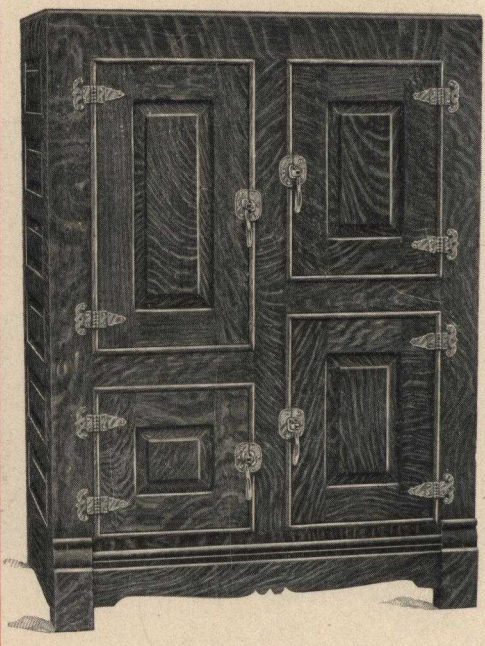
No. 731
Showing Interior.

Has heavy solid brass nickeled clamped hardware. The provision chamber and shelves are made of porcelain steel.

THE "EDSON"

Porcelain-lined Refrigerators

Made of Quarter-Sawed White Oak



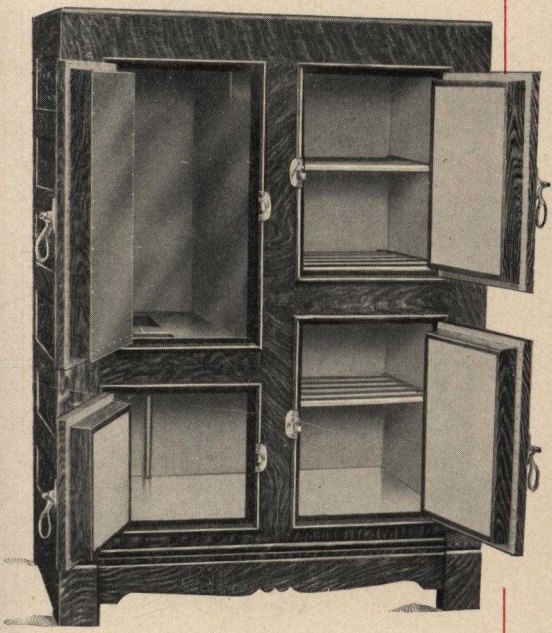
No. 733

	Length in.	Depth in.	Height in.
Outside	42¼	25½	60½
Ice Chamber	13	20	25
Provision Chambers	17	20	17
	17	20	17

THE "EDSON"

Porcelain-lined Refrigerators

Made of Quarter-Sawed White Oak



No. 733
Showing Interior.

This style is iced at the side and lined throughout with heavy porcelain, excepting ice chamber which is lined with nickel.

CONSTRUCTION

OF OUR No. 734

WE wish to call your attention to the **Construction** of our No. 734, as illustrated on pages 22 and 23. The outer case is made entirely of 1½ in. Quarter-Sawed White Oak, finished golden. The inner case is made of 1 in. Ash tongued and grooved and glued together making a perfectly tight **dead air space.**

Tne dead air space in this refrigerator is 3½ inches thick and is insulated on two sides by mineral wool felt, thereby producing an insulation which it is impossible for heat or cold to penetrate.

LINING

WE have at last found a **Provision Chamber Lining,** which from the standpoint of **cleanliness** and **hygiene** is perfection, and at the same time **cannot be broken** by careless servants nor destructive freight handlers.

There is not a crevice nor corner in this whole lining, consequently it is impossible for any dirt or food to become lodged and permeate the refrigerator with unhealthy odors.

This lining is a solid casting, cast from a high grade of stove plate from our own patterns. It is then treated to the enameling process in the same manner as a bathtub until we have a porcelain-lined casting without a square corner or a crack anywhere.

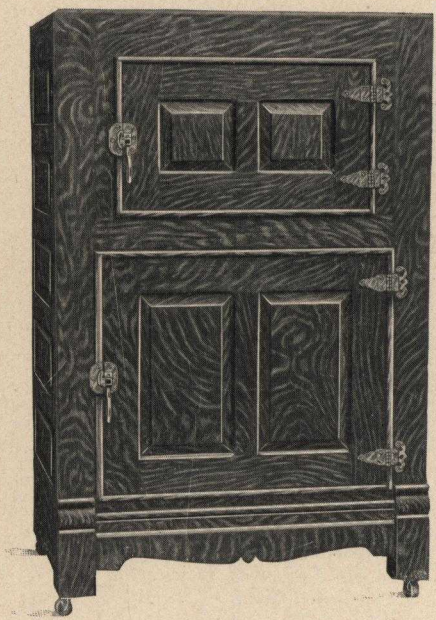
These linings are made for us by one of the largest bathtub manufacturers in the country and every lining comes to us with a guarantee that it will not crack nor craze.

THE "EDSON"

Porcelain-lined Refrigerators

With Solid Porcelain Provision Chamber made in one piece. (See cut on page 21)

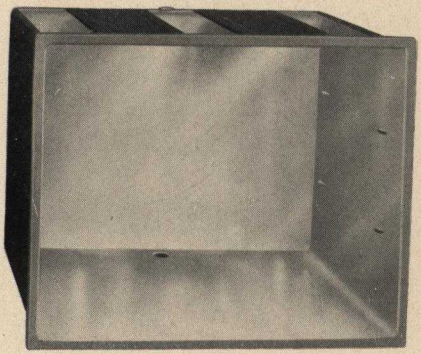
Made of Quarter Sawed White Oak



No. 734

	Length in.	Depth in.	Height in.	Ice lbs.	Shipping Wt., lbs.
Outside.....	35½	21½	55½	140	375
Ice Chamber	22½	15½	16		
Provision Chamber	25	14½	20		

Showing Lining of Provision Chamber



THIS cut shows our Solid Cast Metal **Porcelain Lining** for **Provision Chamber.** Similar in construction and finish to a *Porcelain Bathtub.*

No square corners, cracks or crevices to hold dirt.

Has five coats of porcelain burnt on metal

Has heavy wire shelves.

TELEGRAPH CODE

In ordering goods by telegraph please use the following Code:

TELEGRAPH CODE	No.	Length Inches	Depth Inches	Height Inches
Queen.....	723	26½	19½	53½
Pocatello.....	725	30	21½	55½
Shoshone.....	727	34	22½	65½
Payette.....	729	41½	25½	58½
Salubria.....	731	46	26¼	65½
Sun.....	723	42¼	25½	60½
Summer.....	734	35½	21½	55½

For example: "*Ship one Queen, two each Sun and Summer*".

JAMES HAYNE &
ESTABLISHED TORONTO, ONTARIO